

IN THE SPECIFICATION

Am A
5/14/66 of page ²~~3~~ as follows:

--A mixer diode network, consisting of diodes 24, 26, 28 and 30, is connected between terminals A and B of LO balun circuit 14, through R/C diode self biasing networks 31, 32, 33 and 34, to the terminals E and F ¹²~~15~~ of another circuit 35 that consists of metallic foil elements that function as an intermediate frequency (IF) balun. IF balun circuit 35 consists of an annular foil element 36 that is center tapped to form two foil elements 36a and 36b, the junction F of which is connected to receive an RF input signal, and another foil element 38 that is used to couple out the IF signal. The upconverter mixer is shown on a double-sided insulated substrate 40, as is indicated in dashed lines. As is well known, the symmetrical local oscillator signal causes ON/OFF commutation of the pairs of diodes 24,28 and 26,30 which produces alternating high and low impedances at terminals D and E. The result is the well known heterodyning of the RF input signal and the LO signal for producing the IF signal.--